

How to Set Up a Linksys Router

A Linksys router is a Linksys device that is used to set up a wireless network in a household or office building by converting the digital signal that the modem provides into a radio signal that wireless devices such as laptop computers, [desktop computers](#) with a wireless adapter, and mobile devices can receive. Linksys routers have one or more antennas and are used with devices in a particular direction or devices in an omnidirectional area around the router.

How to Reset a Linksys Router

Resetting a [router](#) is needed if you need to access the router's configuration screen yet you have forgotten your router's username and password. Here's how to do it.

1. Shut down your computer.
2. Turn off your DSL modem (optional)
3. Look for the 'reset' button of your Linksys router
4. You may use a clip, pen, or something that can fit right into the hole (reset), then press and hold it for 30 seconds (approx). (make sure that the router is on while pressing the Reset button, or you can just turn it on while pressing it)
5. Wait for the Power, [WLAN](#) and Internet light to turn on, you may now release the reset button, and should be able to access the router's GUI, by opening a browser and going to <http://192.168.1.1/> – most of the linksys router's username/password is – username: 'blank', and the password is: admin.

How to Set Up a Username/Password

While users should be able to set up a wireless router, including his/her username and password, [wireless network](#), and wireless security by using the router's installation disc, some users may be required to set up his/her username and password manually if the router has been reset or the installation disc gets lost. This can be done by typing 192.168.1.1 into any browser's address bar, entering "admin" for the username and "password" for the password, and clicking the "Setup Wizard" link on the left side of the user interface, which will mimic the installation disc's process. The user can also select the "Wireless Settings" link to change his/her wireless network's name or the "Set Password" link to place a password on the router itself. Users should note that this password is to keep unauthorized persons from changing the

router's settings and will not affect the router's wireless security.



How to Set Up Security

In order to set up security on a Linksys router, users need to find the Wireless Settings link mentioned above or a link labeled “Router Security” or “[Wireless Security](#).” From here, the user can change the type of security the router uses as well as set a password for the router’s wireless network. The two basic options available for wireless security are WEP and WPA. WEP (Wired Equivalent Privacy) is an older version of wireless security than WPA (WiFi Protected Access), which uses an algorithm that changes the network’s encryption key every few seconds and has many more possible combinations to choose from than WPA.

How to Set Up with Cable Internet Service

Here’s how to configure your Linksys router with your cable Internet service. Most cable providers make use of MAC Address authentication to establish connection for their subscribers. Just so you know, MAC address is a unique identifier assigned to your [computer](#), network adapter to be exact. And that’s why, you need to clone your MAC address for it to work, and here’s how to do it.

Firstly, you need to disconnect your router, and hook your modem to your computer directly via an ethernet cable. Next is to verify that you have internet connection. To do this, you go to Google or any bookmarked site. Once internet connectivity has been verified, you may now hook your router and enable its Clone MAC Address feature and at the same time, establish internet connection.

Physical set up:

Connect the modem to your router's WAN or Internet port.

Connect your computer to any lan port in your router (it's usually numbered 1,2,3,4).

Plug the router to the power outlet.

If everything's ok, the light that corresponds to the port where the Ethernet cord is connected is on.

Now, you can access the router's GUI by typing 192.168.1.1 into any browser's address bar, entering "admin" for the username and "password" for the password. Go to Setup tab, click and then click the MAC Address Clone sub-tab. Next is to enable the option "Clone My PC's MAC". You should now be connected to the internet. If still not, you can sequentially power cycle your modem, router then your computer.

How to setup your Linksys router for your DSL/ISP

Yes, your [Internet Service Provider](#) has their own support line but it's a "hot line" so that's why this information comes in handy. Before configuring your router, make sure that your computer is connected to the internet using your modem. Try to browse a website, this is to ensure that we don't have a line problem.

NOTE: If your DSL connection does not involve a modem, you can contact your ISP to verify what kinds of cables are used for your DSL connection and for assistance. You may not need to follow the setup depicted by the image below and proceed with the rest of the setup process.

All Linksys routers come with a Setup Wizard that will guide you with the installation or setup. Simply follow the instructions and you're good to go. The [software](#) will detect what kind of internet connection you have. And if you lost the CD, no worries as it can be downloaded from their website.

Anyway, here's how to manually configure your Linksys Router for your ISP. Before we proceed, make sure that you know your modem's configuration. It is either PPPoE (a connection that requires your username and password provided by your ISP) or DHCP. If not sure, please contact your ISP.

Step 1:

Disconnect your modem, and connect your computer to the router via its ethernet port.

Turn on your router, then access the router's GUI (read instructions above).

Reminder: Linksys Routers' default IP Address is 192.168.1.1, and its default password is "admin" and you just have to leave the username field blank. If you have set a password password for your router, and forgot it, your last resort is to reset it (see instructions above).

Step 3:

Set your Internet connection type: PPPoE or DHCP

For PPPoE

Here, you just have to enter your PPPoE Username and the Password and then choose Keep Alive then save the settings.

For DHCP

NOTE: Make sure that your modem is not connected to the router, for you might end up accessing your modem's GUI.

You just have to access the routers GUI, then click on Setup. Click on Automatic Configuration – DHCP as the Internet Connection Type.

Step 4:

After configuring your Linksys Router, you can now connect your modem to your router using an Ethernet cable.